

FIG. 1

09741818.122200

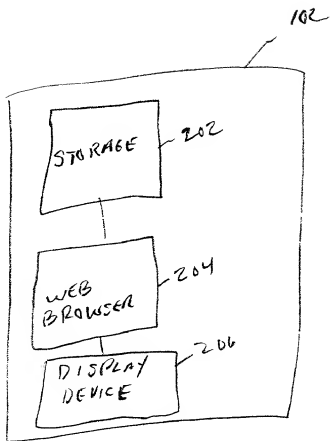


FIG 2

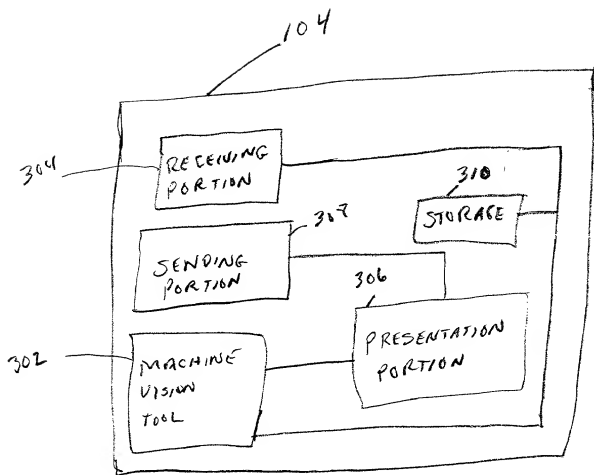


FIG. 3

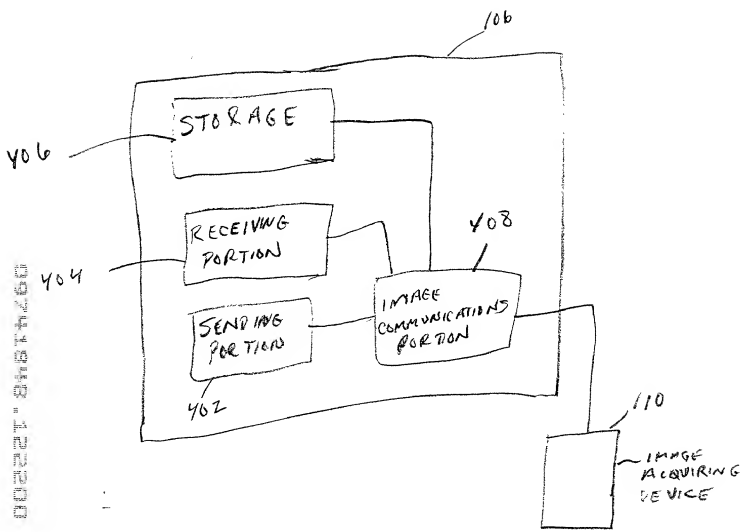


FIG 4

00222T.8181460

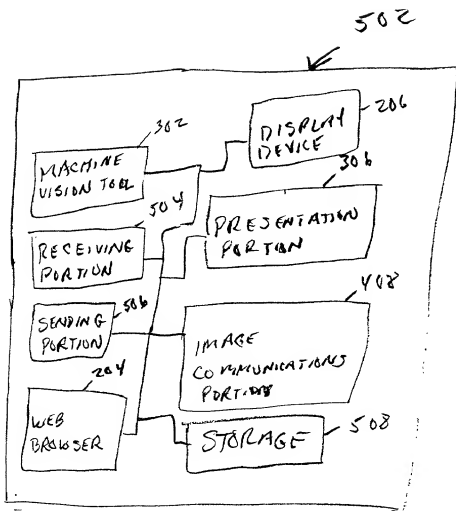


FIG. 5

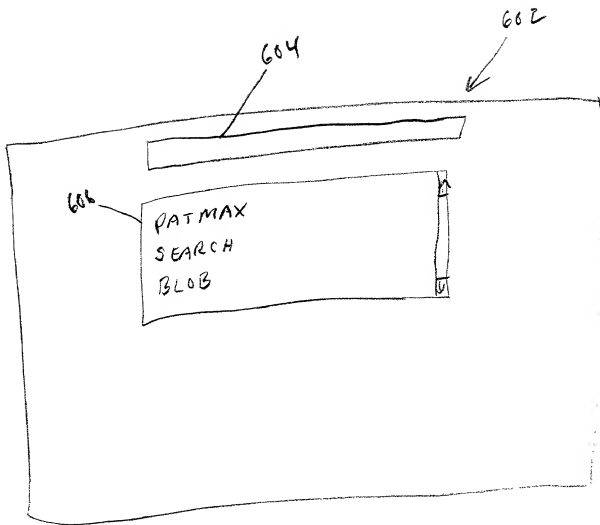


FIG. 6

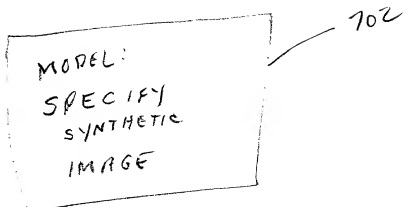


FIG. 7

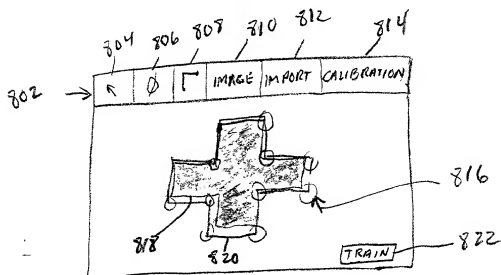


FIG. 8

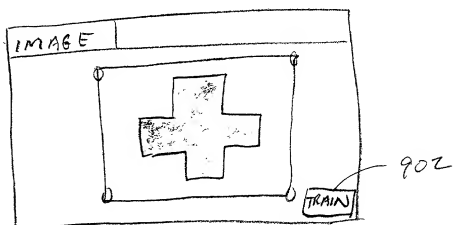


FIG. 9

IMAGE SOURCE 1002

DATABASE X1
DATABASE X2
CAMERA R15

NEW MODIFY DELETE

FIG. 10

NEW IMAGE SOURCE 1102

NAME:

TYPE: DATABASE  
CAMERA  
URL  
FILE

1104

CREATE

FIG. 11

SERVER: machine15.cognex.com 1202

DATABASE FILES 1204

QFP
FIDUCIAL (CROSS)
FIDUCIAL (CIRCLE)

SELECT 1206

FIG. 12

SERVER: local 1302

camera1 / fiducial
camera2 part
camera line scan

SELECT 1306

1304

Fig. 13



url: http://mac.data.com/foo.gif

SELECT 1402

FIG. 14

FILE: \_\_\_\_\_

BROWSE 1504

SELECT 1502

FIG. 15

MODEL: PATMAX

IMAGE SOURCE: MACHINE 15 CAMERA1

RUN PARAMETERS: DEFAULT 1604

DIAGNOSTICS: NONE 1606

RUN 1602

FIG. 16

# PATMAX RUN PARAMETERS

NAME: My Parameters

Accept Threshold 0.5

Contact Threshold 10

☒ SCORE USING CLUTTER

NUMBER TO FIND 1

TIMEOUT 1000 ms

DOF	nominal	low	high
<input checked="" type="checkbox"/> ANGLE	<u>0</u>	<u>-45</u>	<u>+45</u>
<input type="checkbox"/> UNIFORM SCALE	<u>0.8</u>	<u>1</u>	<u>1.2</u>
<input type="checkbox"/> X SCALE	<u>0.9</u>	<u>1</u>	<u>1.2</u>
<input type="checkbox"/> Y SCALE	<u>0.8</u>	<u>1</u>	<u>1.2</u>

- 1762

FIG. 17

## DIAGNOSTICS

NAME Graphics Diags

☒ SHOW INPUTS

☒ SHOW OUTPUTS

☒ SHOW INTERMEDIATE STEPS

- 1802

FIG. 18

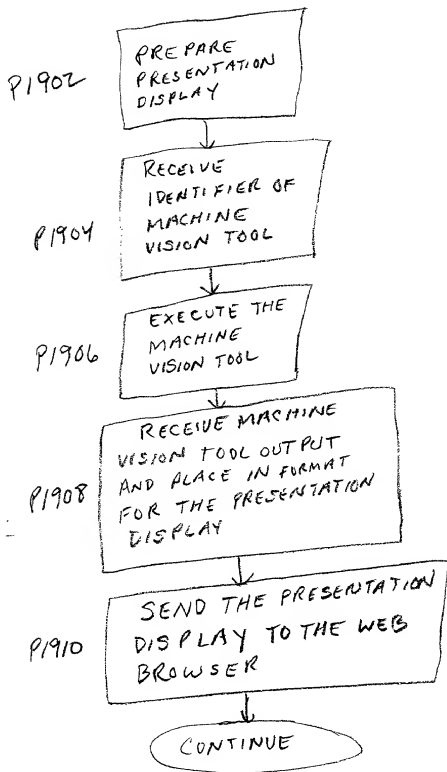


Fig. 19

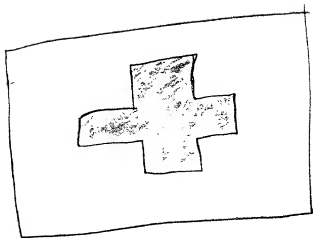


FIG. 20

002227 34874760

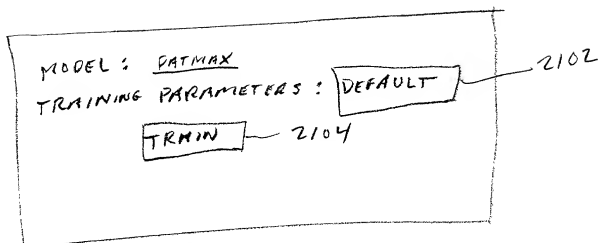


FIG. 21

PATMAX TRAINING PARAMETERS

NAME: TRAINING PARAMETERS

granularity \_\_\_\_\_

☐ inverse polarity

☐ auto select grain limits

elasticity \_\_\_\_\_

course grain limit \_\_\_\_\_

fine grain limit \_\_\_\_\_

☐ OK — 2202

FIG. 22